

- Wireless, RF SAW Filter
- Revision 0: April 2013

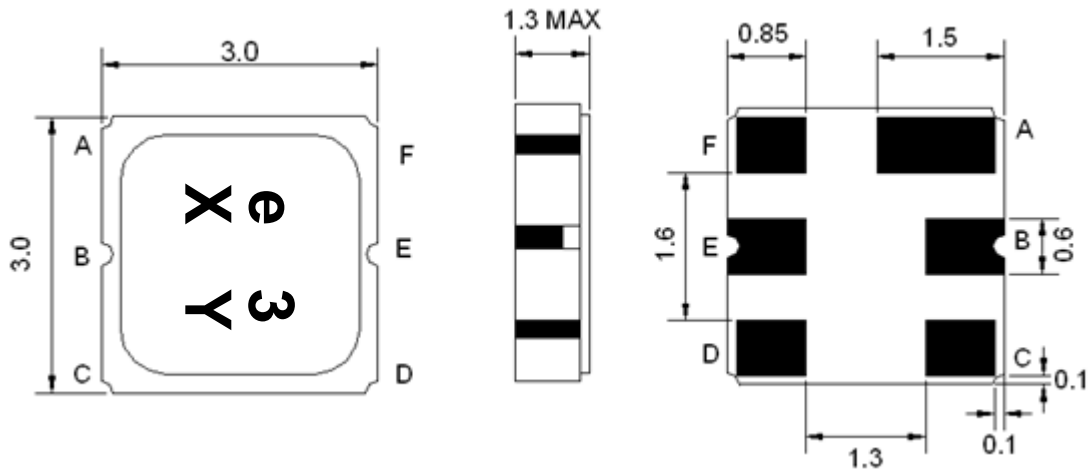
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	25
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1997.0	-
Insertion Loss within 1980.0 ~ 2014.0 MHz	dB	-	1.6	2.5
Amplitude Ripple within 1980.0 ~ 2014.0 MHz	dB _{p-p}	-	0.6	1.5
Return Loss within 1980.0 ~ 2014.0 MHz	dB	9	11	-
Attenuation:				
50.0 ~ 1500.0 MHz	dB	25	34	-
1500.0 ~ 1920.0 MHz	dB	30	36	-
2060.0 ~ 3000.0 MHz	dB	35	41	-
3000.0 ~ 5000.0 MHz	dB	10	16	-
5000.0 ~ 6000.0 MHz	dB	2	4	-

Notes: (1) No Matching Network

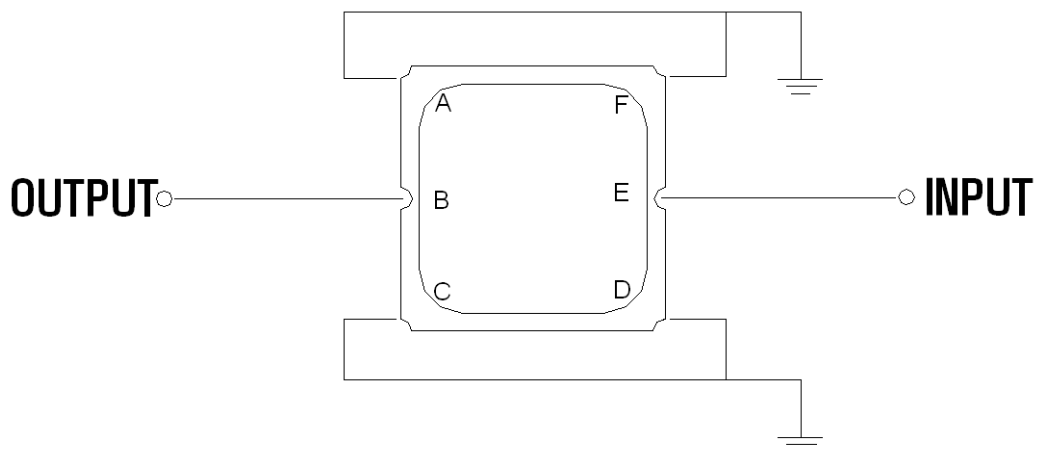
Package Dimensions



Marking Descriptions	
e	Wireless Application
3	Series Number
X	Date Code (Year)
Y	Date Code (Month)

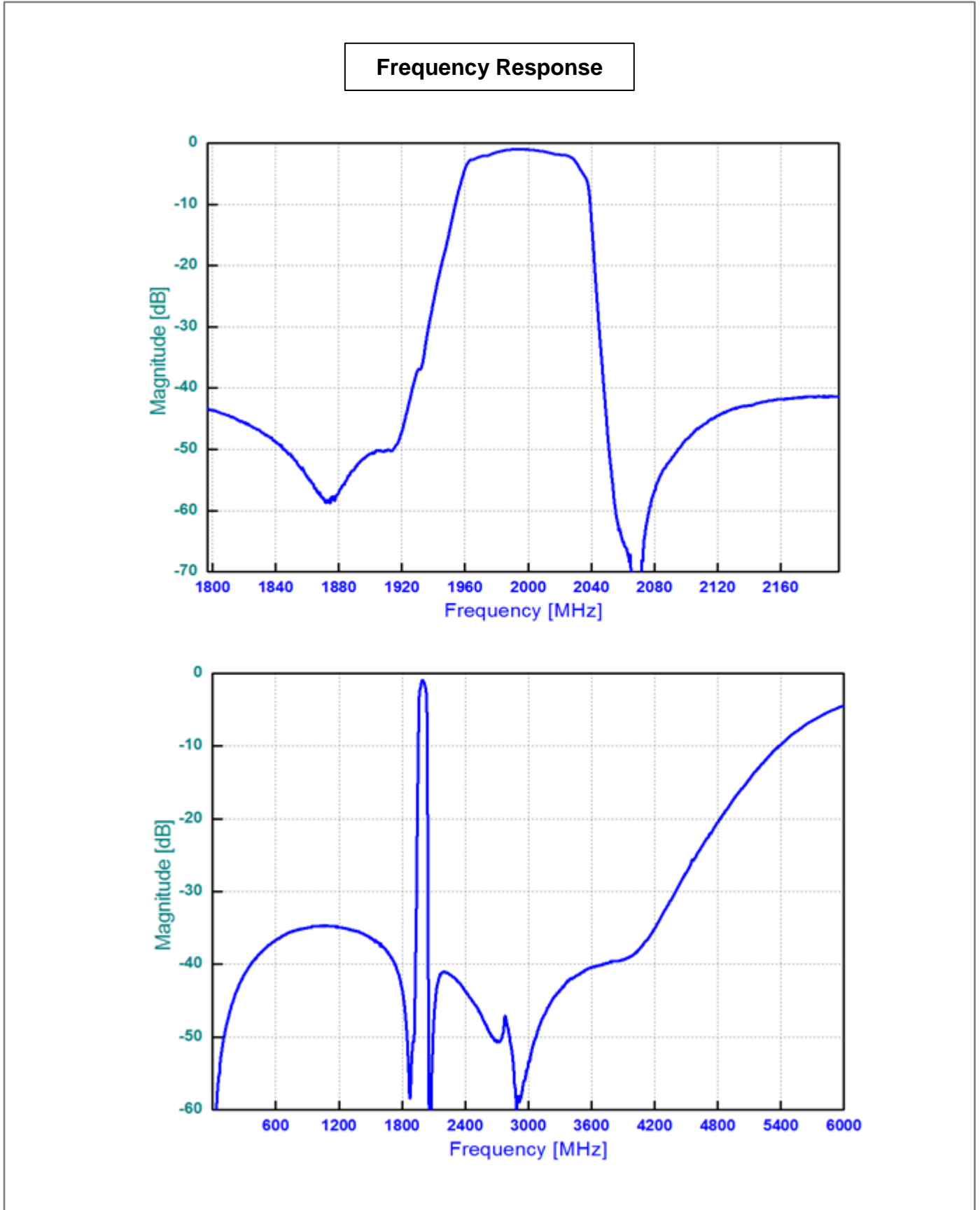
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

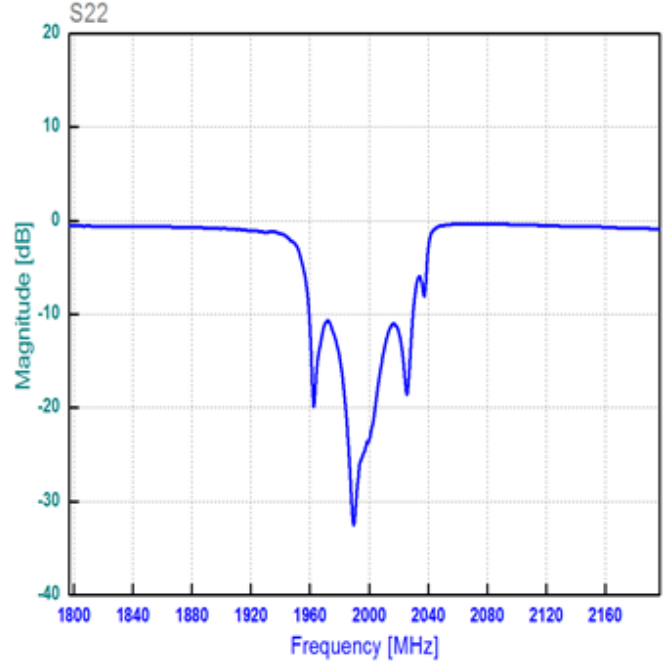
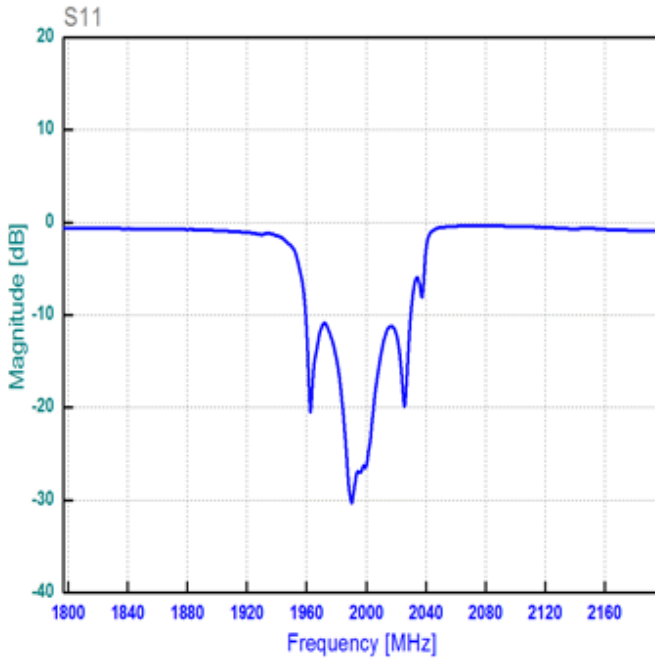


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

